

IN THE CLAIMS

Please amend the claims as follows:

This listing of claims replaces all prior listings and versions of the claims in the present application.

Listing of Claims:

Claim 1 (Previously Presented): An exhaust emission control device with a post-processing device for allowing exhaust gas to pass therethrough for gas purification incorporated in an exhaust pipe of an internal combustion engine, comprising a plasma generator arranged upstream of the post-processing device for discharging electricity into the exhaust gas to generate plasma, flow-through type oxidation catalyst arranged upstream of the plasma generator, fuel adding means arranged upstream of the oxidation catalyst configured for adding fuel in the exhaust gas and temperature increasing means configured for increasing exhaust temperature to a level enough for oxidation reaction on the oxidation catalyst of the fuel added by the fuel adding means; and

a temperature sensor arranged between the oxidation catalyst and the plasma generator for detecting exhaust temperature, fuel being added properly by the fuel adding means only on a condition that a detected value of the temperature sensor exceeds a predetermined threshold, the temperature of the exhaust gas being increased by the temperature increasing means before the fuel addition by the fuel adding means on a condition that the detected value of the temperature sensor is below the predetermined threshold.

Claim 2 (Canceled).

Claim 3 (Currently Amended): The exhaust emission control device according to claim 1, wherein the fuel adding means [[is]] comprises a fuel injection control means which causes the fuel injection unit to conduct post-injection followed by the main injection and with non-ignition timing later than a compressive top dead center.

Claim 4 (Canceled).

Claim 5 (Previously Presented): The exhaust emission control device according to claim 1, wherein the temperature increasing means for increasing the exhaust temperature comprises suction throttling means for properly throttling suction flow rate.

Claim 6 (Canceled).

Claim 7 (Previously Presented): The exhaust emission control device according to claim 3, wherein the temperature increasing means for increasing the exhaust temperature comprises suction throttling means configured for properly throttling suction flow rate.

Claim 8 (Canceled).

Claim 9 (Previously Presented): The exhaust emission control device according to claim 1, wherein the temperature increasing means for increasing the exhaust temperature is fuel injection controlling means configured for causing the fuel injection unit to conduct main injection delayed within a combustible range to the normal injection.

Claim 10 (Canceled).

Claim 11 (Previously Presented): The exhaust emission control device according to claim 3, wherein the temperature increasing means for increasing the exhaust temperature comprises fuel injection controlling means configured for causing the fuel injection unit to conduct main injection delayed within a combustible range to the normal injection.

Claim 12 (Canceled).

Claim 13 (Previously Presented): The exhaust emission control device according to claim 1, wherein the temperature increasing means for increasing the exhaust temperature comprises fuel injection controlling means configured for causing the fuel injection unit to conduct post injection with a combustible timing just after the main injection.

Claim 14 (Canceled).

Claim 15 (Previously Presented): The exhaust emission control device according to claim 3, wherein the temperature increasing means for increasing the exhaust temperature comprises fuel injection controlling means configured for causing the fuel injection unit to conduct post injection with a combustible timing just after the main injection.

Claim 16 (Canceled).

Claim 17 (Previously Presented): The exhaust emission control device according to claim 1, further comprising judging means configured for determining whether fuel addition

is required or not through monitoring at least either of current and voltage upon generation of plasma in the plasma generator.

Claim 18 (Canceled).

Claim 19 (Previously Presented): The exhaust emission control device according to claim 3, further comprising judging means configured for determining whether fuel addition is required or not through monitoring at least either of current and voltage upon generation of plasma in the plasma generator.

Claim 20 (Canceled).

Claim 21 (Previously Presented): The exhaust emission control device according to claim 5, further comprising judging means configured for determining whether fuel addition is required or not through monitoring at least either of current and voltage upon generation of plasma in the plasma generator.

Claim 22 (Canceled).

Claim 23 (Previously Presented): The exhaust emission control device according to claim 7, further comprising judging means configured for determining whether fuel addition is required or not through monitoring at least either of current and voltage upon generation of plasma in the plasma generator.

Claim 24 (Canceled).

Claim 25 (Previously Presented): The exhaust emission control device according to claim 9, further comprising judging means configured for determining whether fuel addition is required or not through monitoring at least either of current and voltage upon generation of plasma in the plasma generator.

Claim 26 (Canceled).

Claim 27 (Previously Presented): The exhaust emission control device according to claim 11, further comprising judging means configured for determining whether fuel addition is required or not through monitoring at least either of current and voltage upon generation of plasma in the plasma generator.

Claim 28 (Canceled).

Claim 29 (Previously Presented): The exhaust emission control device according to claim 13, further comprising judging means configured for determining whether fuel addition is required or not through monitoring at least either of current and voltage upon generation of plasma in the plasma generator.

Claim 30 (Canceled).

Claim 31 (Previously Presented): The exhaust emission control device according to claim 15, further comprising judging means configured for determining whether fuel addition

is required or not through monitoring at least either of current and voltage upon generation of plasma in the plasma generator.

Claims 32-35 (Canceled).